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**FIG. 1**

661' ATCACTATCCTTGAATCGAAACCTTTCTGAGTATTAACAATCGCACCCCTTAAAAAA  
1" CTGAGTATTAACAATCGCACCCCTTAAAAAA  
  
721' TGTAC-ATAGACATTAAGAGACTAAACAGATATATAATCATTTAAATTAAAATAGCGT  
\*\*\*  
33' TGTACAATAGACATTAAGAGACTAAACAGATATATAATCATTTAAATTAAAATAGCGT  
  
780' TAAACAGTACCTCAAGCTCAATAAGCATTAAAGTATTCTAATCTTAGTATTCCTCTAGC  
\*\*\*  
93' TAAACAGTACCTCAAGCTCAATAAGCATTAAAGTATTCTAATCTTAGTATTCCTCTAGC  
  
840' TGACATGTAAGAAGCAATCTATCTTATTGTATGCAATTAGCTTTGTGGATAAAAAG  
\*\*\*  
153' TGACATGTAAGAAGCAATCTATCTTATTGTATGCAATTAGCTATTGTGGATAAAAAG  
  
900' GTAAAACCATTCTGAAACAGGAAACCAATACACTCCTGTTAACAAATCTAAACA  
\*\*\*  
213' GTAAAACCATTCTGAAACAGGAAACCAATACACTCCTGTTAACAAATCTAAACA  
  
960' TTATTCTTTCATCTGTTACTCTTGCTCTTGTCCACCACAAATATGCTATTACATGTT  
\*\*\*  
273' TTATTCTTTCATCTGTTACTCTTGCTCTTGTCCACCACAAATATGCTATTACATGTT  
  
1020' CAGTGTAGTTTATGACAAAGAAAATTCTGAGTTACTTTGTATCCCCACCCCTTAA  
\*\*\*  
333' CAGTGTAGTTTAGGACAAAGAAAATTCTGAGTTACTTTGTATCCCCACCCCTTAA  
  
1080' AGAAAGGAGGAAAAACTGTTCATACAGAAGGCCAAATTGCAATGCAATTAGAGCTATCAC  
\*\*\*  
393' AGAAAGGAGGAAAAACTGTTCATACAGAAGGCCAAATTGCAATGCAATTAGAGCTATCAC  
  
1140' CTAAGTGTGGCTAATGTAACAAAGAGGGATTTCACCTACATCCATTCACTCAGTCAGTCTTG  
\*\*\*  
453' CTAAGTGTGGCTAATGTAACAAAGAGGGATTTCACCTACATCCATTCACTCAGTCAGTCTTG  
  
1200' GGGGTTAAAGAAATTCCAAGAGTCATCAGAAGAGGAAAATGAAGGTAATGTTTTTC  
\*\*\*  
513' GGGGTTAAAGAAATTCCAAGAGTCATCAGAAGAGGAAAATGAAGGTAATGTTTTTC  
  
1260' AGACTGGTAAAGTCTTGTAAAATATGTGTAATATGTAACAAACATTGACACCCCTAAT  
\*\*\*  
573' AGACAGGTAAGTCTTGTAAAATATGTGTAATATGTAACAAACATTGACACCCCTAAT  
  
1320' ATTTCAGAATTAACAGTATAAATTGCATCTTGTCAAGAGTTCCTATCA-CTC  
\*\*\*  
633' ATTTCAGAATTAACAGTATAAATTGCATCTTGTCAAGAGTTCCTATCACTCTC  
  
1378' TTAAATCACTACTCACAGTAACCTCAACTCCTGCCACAATGTACAGGATGCAACTCCTGT  
\*\*\*  
693' TTAAATCACTACTCACAGTAACCTCAACTCCTGCCACAA

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FIG. 2

901' TAAAACCATTCTGAAACAGGAACCAATACACTTCCTGTTAATCAACAAATCTAACAT  
1" GGGNNNNNGNGATCCTCTACCACTATAGGGCGAATTGAATTAGCG  
961' TTATTCTTTCATCTGTTACTCTTGCTCTTGTCCACCACAATATGCTATTCACATGTTC  
49" \*\*\*\*\*  
GCCGGCANTCGCCCCCGTAGCTGCTCTTGTCCACCACAATATGCTATTCACATGTTC  
1021' AGTGTAGTTTATGACAAAGAAAATTTCTGAGTTACTTTGTATCCCCACCCCTTAAA  
109" \*\*\*\*\*  
1081' GAAAGGAGGAAAAACTGTTCATACAGAAGGCCTTAATTGCATGAATTAGAGCTATCACC  
169" \*\*\*\*\*  
GAAAGGAGGAAAAACTGTTCATACAGAAGGCCTTAATTGCATGAATTAGAGCTATCACC  
1141' TAAGTGTGGGCTAATGTAACAAAGAGGGATTCACCTACATCCATTCACTCAGTCAGTCAGTCTTGG  
229" \*\*\*\*\*  
TAAGTGTGGGCTAATGTAACAAAGAGGGATTCACCTACATCCATTCACTCAGTCAGTCAGTCTTGG  
1201' GGGTTAAAGAAATCCAAGAGTCATCAGAAGAGGAAAATGAAGGTAATGTTTTTCA  
289" \*\*\*\*\*  
GGGTTAAAGAAATCCAAGAGTCATCAGAAGAGGAAAATGAAGGTAATGTTTTTCA  
1261' GACTGGTAAAGTCTTGAAATATGTGAATATGTAACATTTGACACCCCCATAATA  
349" \*\*\*\*\*  
GACAGGTAAGTCTTGAAATATGTGAATATGTAACATTTGACACCCCCATAATA  
1321' TTTTCCAGAATTAACAGTATAAATTGCATCTCTTGTTCAAGAGGTTCCCTATCA-CTCT  
409" \*\*\*\*\*  
TTTTCCAGAATTAACAGTATAAATTGCATCTCTTGTTCAAGAGGTTCCCTATCACTCT  
1379' TTAATCACTACTCACAGTAACCTCAACTCCTGCCACAATGTACAGGATGCAACTCCTGTC  
469" \*\*\*\*\*  
TTAATCACTACTCACAGTAACCTCAACTCCTGCCACAAGCTCGAAGGGCGAATTGTT

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FIG. 3

5281' GCCTCTGTCCTCCCACCCCTTCCCTTACCTACCCACTCCTCGAGGAATCATCCCTGGCTCCACCTCA  
1" TGCCTCTTACTATAGGGCGAATTGAATTAGCGGCCGAATTGCCCTTGATCTATCCCTGGCTCCACCTCA  
5361' GTTCCCCGCTCCAAGGCAGCATGGCGGCAAGAACAGTTGAGGCCACTGTCCCTGGTGTCTACCCCCACACCTCACC  
76" GTTCCCCGCTCCAAGGCAGCATGGCGGCAAGAACAGTTGAGGCCACTGTCCCTGGTGTCTACCCCCACACCTCACC  
5441' CCAAGACAGCCTGTTACTGCGGCCAACAGCCACGGTCCACATCTGATAAGACTTATCTGCTGCCAGGGCAGGC  
156" CCAAGACAGCCTGTTACTGCGGCCAACAGCCACGGTCCACATCTGATAAGACTTATCTGCTGCCAGGGCAGGC  
5521' CGGAGCTGGCGTAAGCCCCAGTGGGCGCTAAGTGAGTGTGCCCTGCCCTCCGCCAGCACTGGCTGGCTGCAGGCTT  
236" CGGAGCTGGCGTAAGCCCCAGTGGGCGCTAAGTGAGTGTGCCCTGCCCTCCGCCAGCACTGGCTGGCTGCAGGCTT  
5601' AGCCTGGGTATCAAGGTATCCCACAGGCTCTAGTTCAAATCCAGCAGAACCTCTCTGAGCCTCACTCTCTCACCTGCA  
316" AGCCTGGGTATCAAGGTATCCCACAGGCTCTAGTTCAAATCCAGCAGAACCTCTCTGAGCCTCACTCTCTCACCTGCA  
5681' AAATGGGTACAGCCACATCCCTCTCCCTGCCAGCCAGGAAGACGCACATACACAGGAGTCTAGCCACACCCGCCCCG  
396" AAATGGGTACAGCCACATCCCTCTCCCTGCCAGCCAGGAAGACGCACATACACAGGAGTCTAGCCACACCCGCCCCG  
5761' CACAAATTAAAGGGCTTACTCTCTGAAAAGCCCAGTGAAGTCATGAAACCATATCTGCTATTTCAATTATCTTGGTTTC  
476" CACAAATTAAAGGGCTTACTCTCTGAAAAGCCCAGTGAAGTCATGAAACCATATCTGCTATTTCAATTATCTTGGTTTC  
5841' AGCCTATTTGCTTGTCTGGACACTACAGTCCACGGGAGCCTAGGTGAGGGAGGTCCAAGAACATCCCCAGGGTGGCAGG  
556" AGCCTATTTGCTTGTCTGGACACTACAGTCCACGGGAGCCTAGGTGAGGGAGGTCCAAGAACATCCCCAGGGTGGCAGG  
5921' GAGGGTGGAAAGAGGGCTCCAGTGCCCAAGAGGTGCCCCACAAGCATGGGACCCGCCCCCTCCCTGACTGCCACCC  
636" GAGGGTGGAAAGAGGGCTCCAGTGCCCAAGAGGTGCCCCACAAGCATGGGACCCGCCCCCTCCCTGACTGCCACCC  
6001' ACTGGGGCACCAGCCACTCCCTGGGAGGAGGGAGGAGGGAGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGCTCAA  
716" ACTGGGGCACCAGCCACTCCCTGGGAGGAGGGAGGAGGGAGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGCTCAA  
6081' GGCCAAGGCCAGCCAGGACACCCCTGGGATCACACTGAGCTGCCACATCCCCAAGGCCGAACCTCCGAACAC  
796" GGCCAAGGCCAGCCAGGACACCCCTGGGATCACACTGAGCTGCCACATCCCCAAGGCCGAACCTCCGAACAC  
6161' CAGCCCAGGTCACTCAGCCCCAGAGAGCCCCACCAAGGCAACCCCTGGGCTGCTGCCCTACCCCTATGCTTGCTC  
876" CAAAGCTATAAGGGCGAATTGCTT

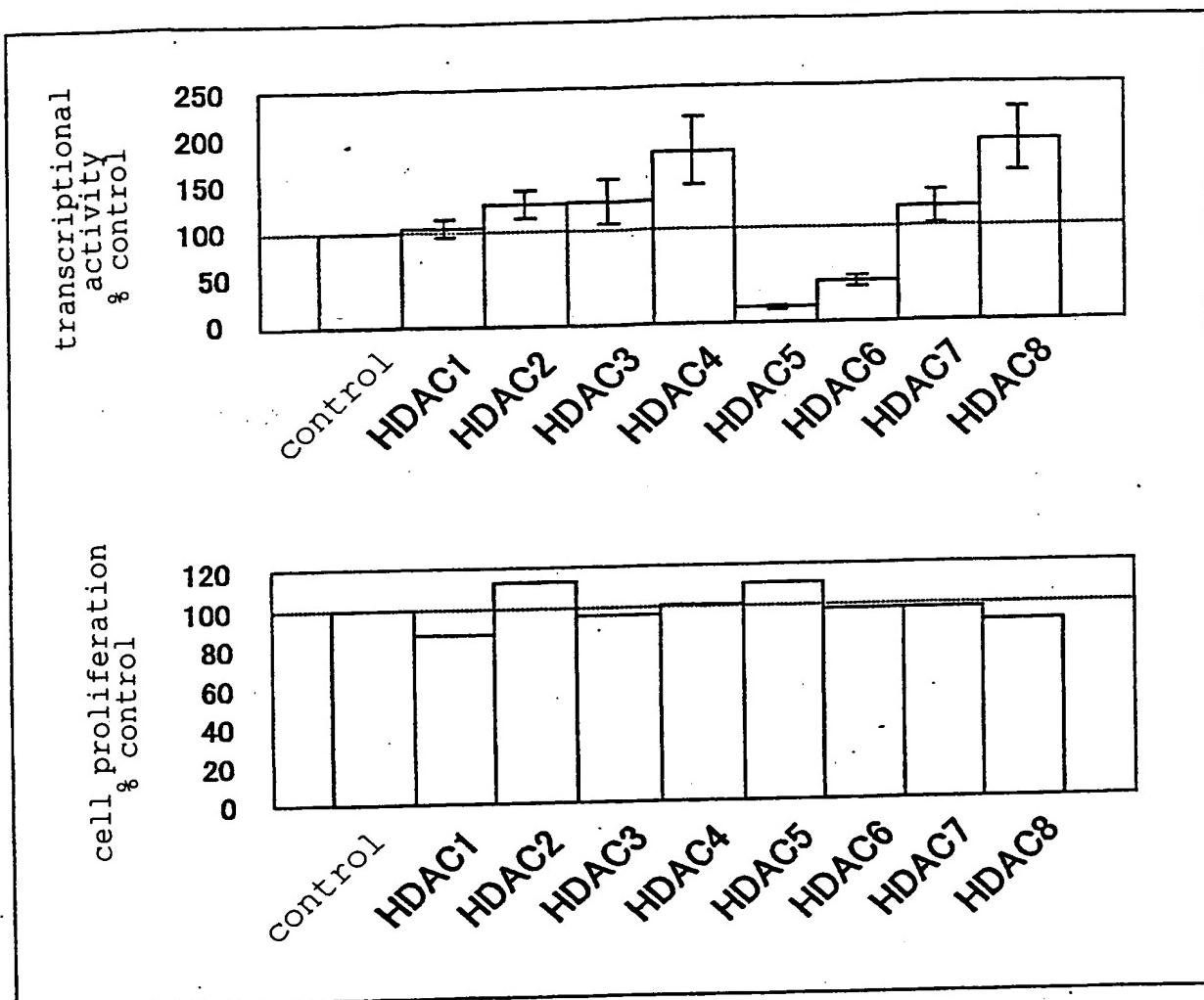
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FIG. 4

2321' GTACAAATGCCATGGGCCTGGACCAAGCAGGGCTCTAGAACCCAGAAGATGCCAGGAGGTGAGCCAGTCAGGGA  
\*\*\*\*\*  
1" TTATGGTACCAACCCAGAAGATGCCAGGAGGTGAGCCAGTCAGGGA  
\*\*\*\*\*  
2401' AGGCTTCCGAGAAGAGAGGACATTGAAGAAGAGTCTCAAACCTAGGCCTGACCGAGAAGACGCCGGCCAGGACACCCCA  
\*\*\*\*\*  
50" AGGCTTCCGAGAAGAGAGGACATTGAAGAAGAGTCTCAAACCTAGGCCTGACCGAGAAGACGCCGGCCAGGACACCCCA  
\*\*\*\*\*  
2481' CCCCCGCCCTCGTCTCCCCAAAGCTGATCTGGCCCCACTGATTCCCTTATCTGCCACTCCCAGCTGCCCTCTTGCTG  
\*\*\*\*\*  
130" CCCCCGCCCTCGTCTCCCCAAAGCTGATCTGGCCCCACTGATTCCCTTATCTGCCACTCCCAGCTGCCCTCTTGCTG  
\*\*\*\*\*  
2561' GCTGAACTGTCGCCGCAGACTTCTGAGCCTGCCCTCCACGGGATGGGGAGGGATGGGTGAGGCCCTGCCCTCA  
\*\*\*\*\*  
210" GCTGAACTGTCGCCGCAGACTTCTGAGCCTGCCCTCCACGGGATGGGGAGGGATGGGTGAGGCCCTGCCCTCA  
\*\*\*\*\*  
2641' CAGCCTCGGGTTTCCAGCTTGTGGAGGCAGGGCTCTGGGGGCCCTACTCCTCACCCCTGGCTTCTTCCCTGAGC  
\*\*\*\*\*  
290" CAGCCTCGGGTTTCCACCTCTTGTGGAGGCAGGGCTCTGGGGGCCCTACTCCTCACCCCTGGCTTCTTCCCTGAGC  
\*\*\*\*\*  
2721' GCTCTGTGCTCTCCAGAAATGAAGAAATGGGTGAGTCCAGGGCCAACCTTGTCTTAGCTCTTAGACATGCCCTGAG  
\*\*\*\*\*  
370" GCTCTGTGCTCTCCAGAAATGAAGAAATGGGTGAGTCCAGGGCCAACCTTGTCTTAGCTCTTAGACATGCCCTGAG  
\*\*\*\*\*  
2801' CCTGCCATTCCCTGTGAGGACAGATTCCCTATGTTGCGACCGCTGCTTAATAATAATGATGATGATAATTCCA  
\*\*\*\*\*  
450" CCTGCCATTCCCTGTGAGGACAGATTCCCTATGTTGCGACCGCTGCTTAATAATAATGATGATGATAATTCCA  
\*\*\*\*\*  
2881' TTTACAGAGCACACCATTATGGTGTGCCAGCAGGCCCTGTGCTGAGTGGTCTACCCACGTGGGGGCTAGGACTTTA  
\*\*\*\*\*  
530" TTTACAGAGCACACCATTATGGTGTGCCAGCAGGCCCTGTGCTGAGTGGTCTACCCACGTGGGGGCTAGGACTTTA  
\*\*\*\*\*  
2961' CCCGTTTCCAGATGAAGAAACTGAGGCTCAGAGGGCTCTGGCCAGGAATCACACAGAAATCACACAGAAATCAGA  
\*\*\*\*\*  
610" CCCGTTTCCAGATGAAGAAACTGAGGCTCAGAGGGCTAGGATAAGGGC

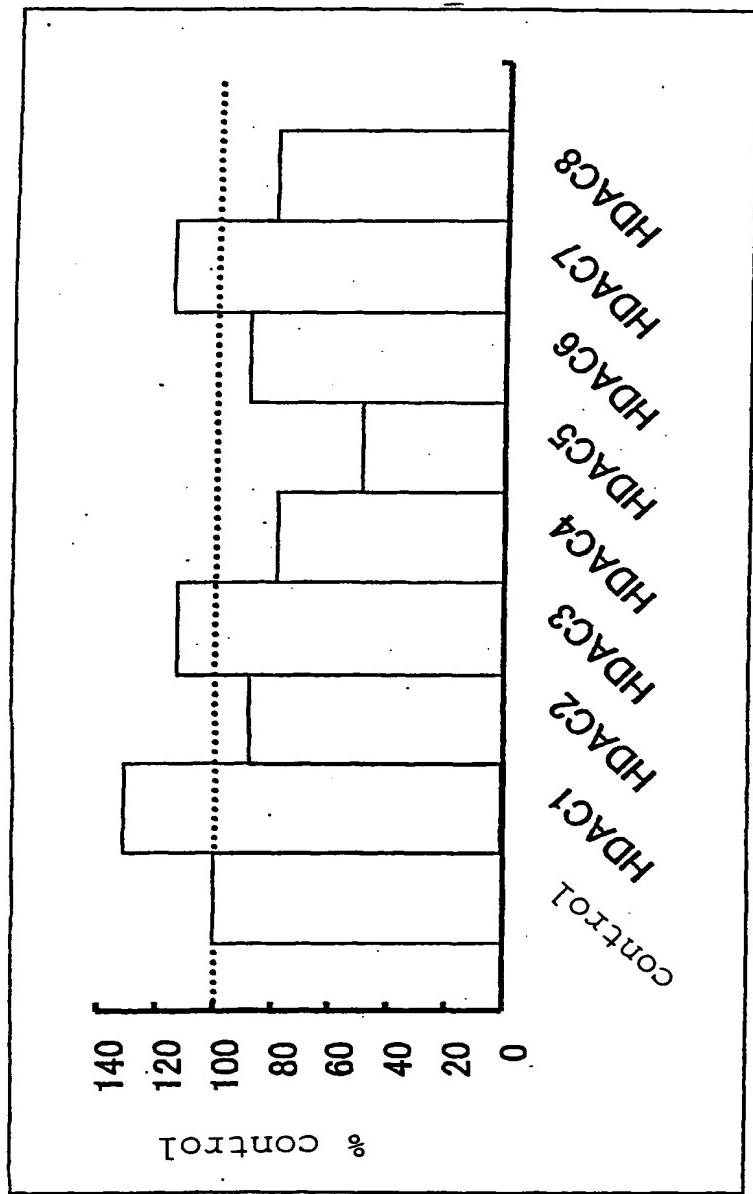
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FIG. 5



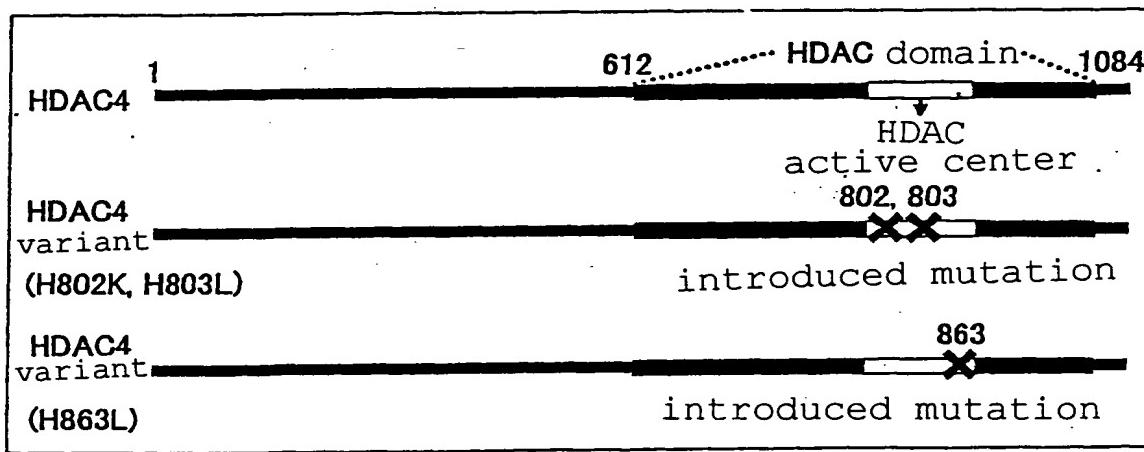
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FIG. 6



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FIG. 7



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FIG. 8

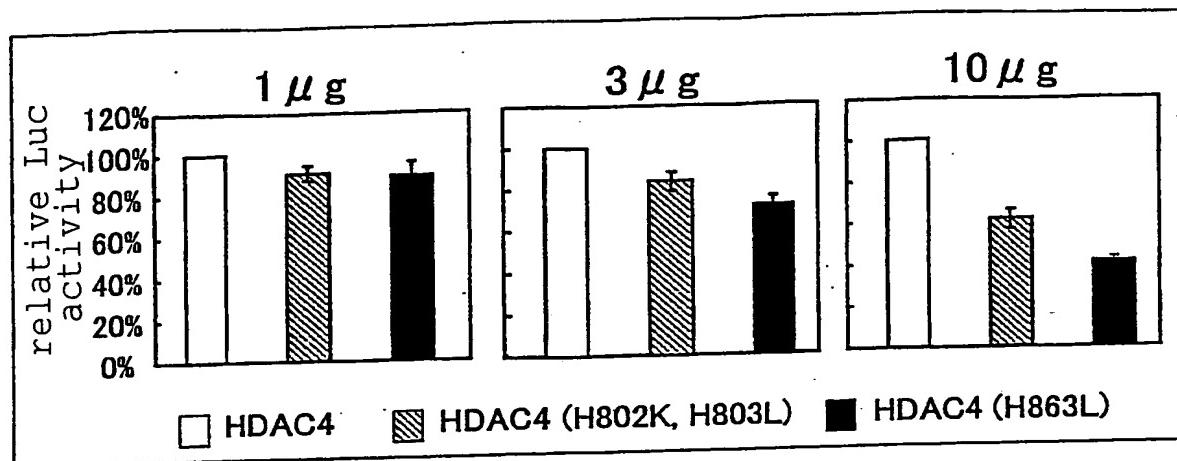
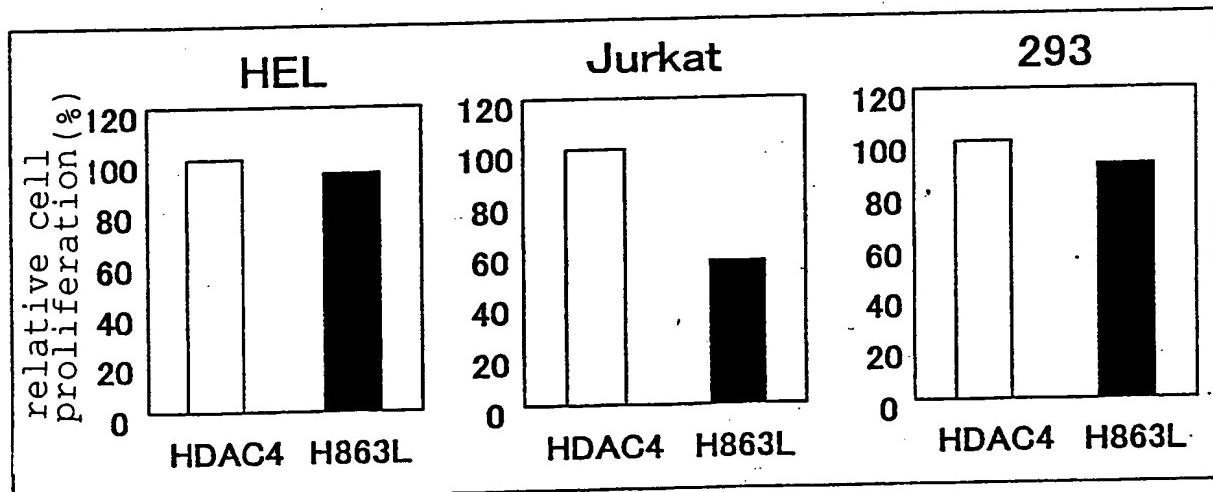
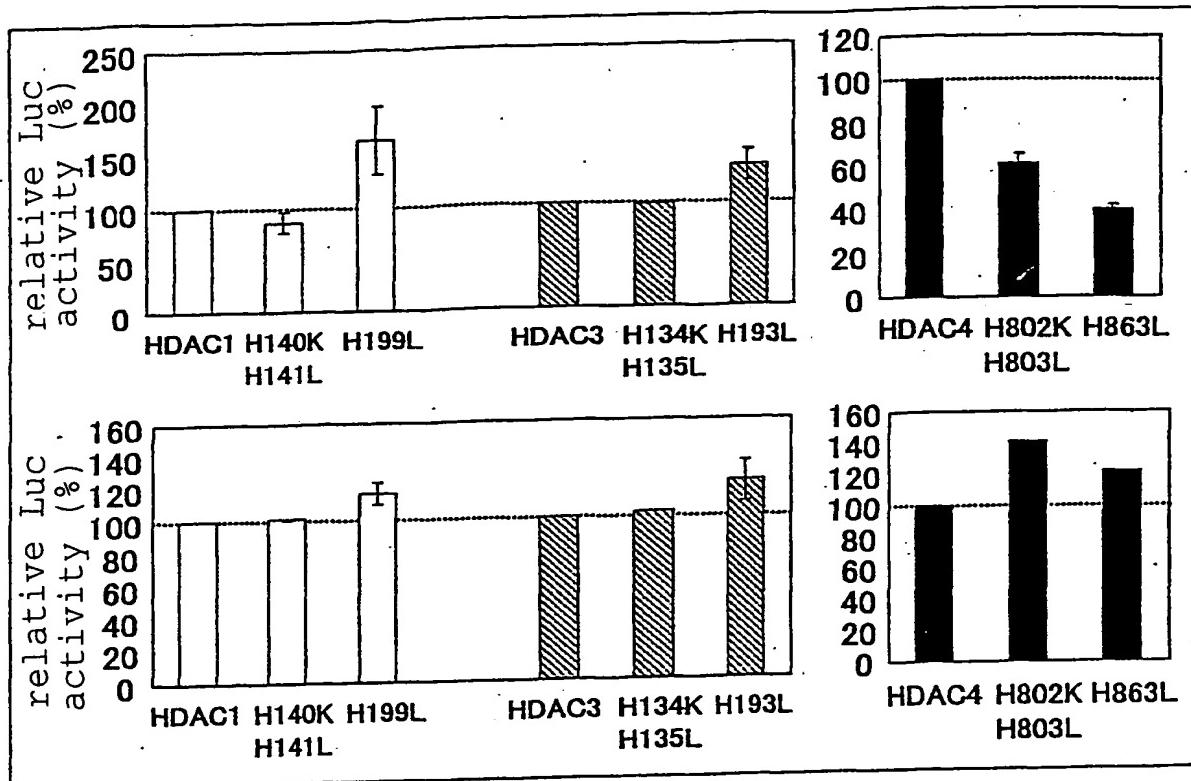


FIG. 9

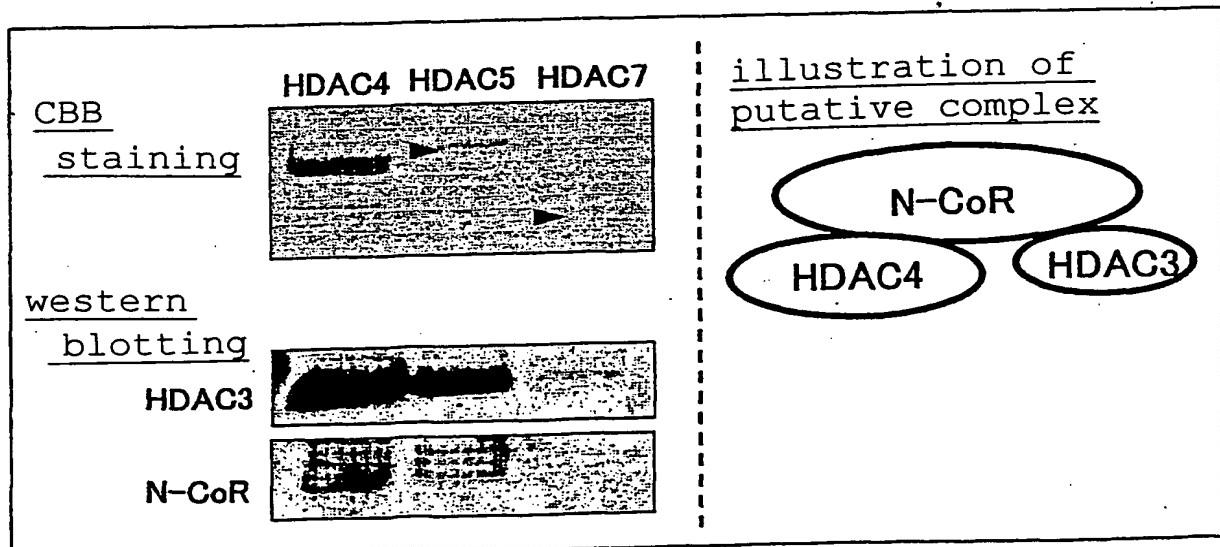


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**FIG. 10**



**FIG. 11**



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FIG. 12

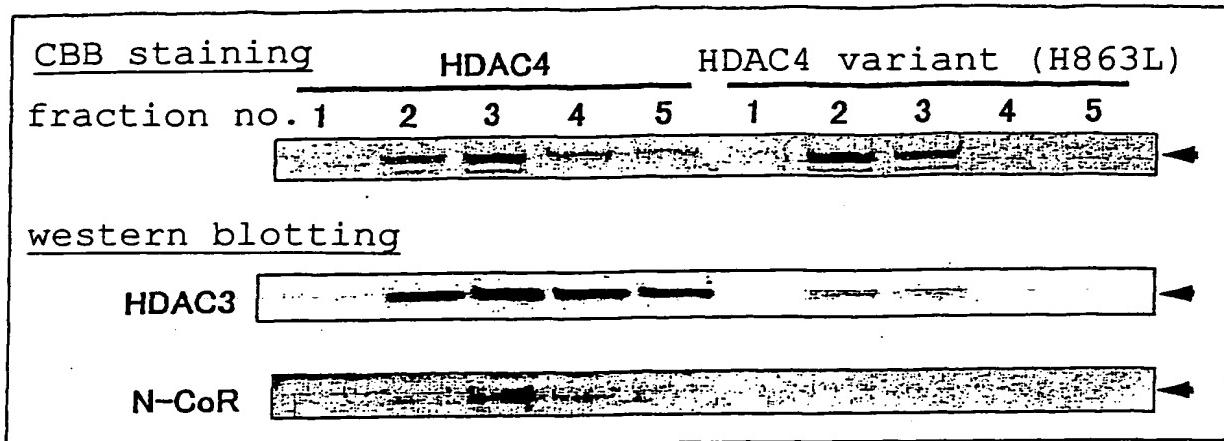


FIG. 13

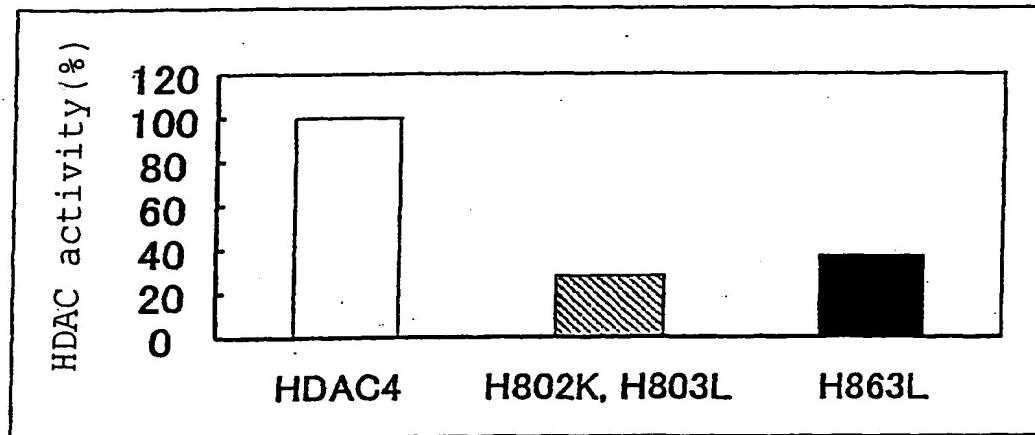


FIG. 14

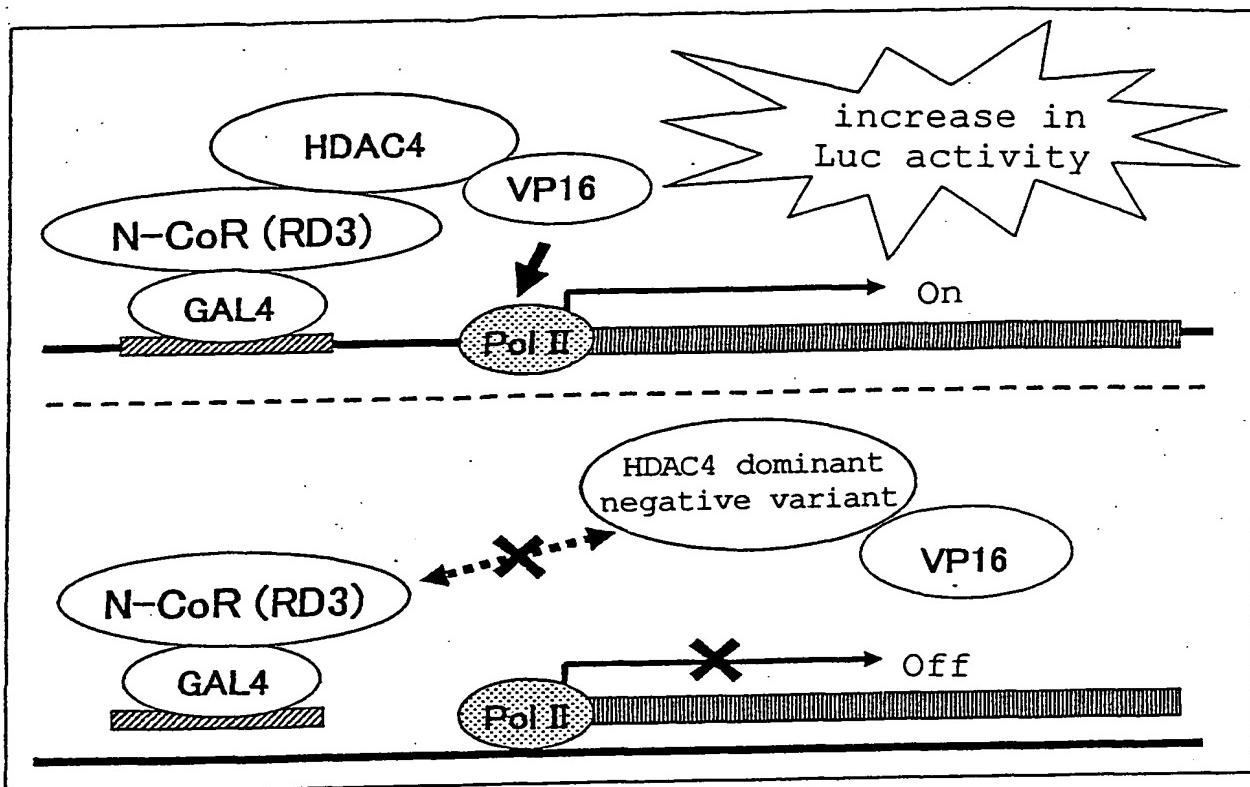
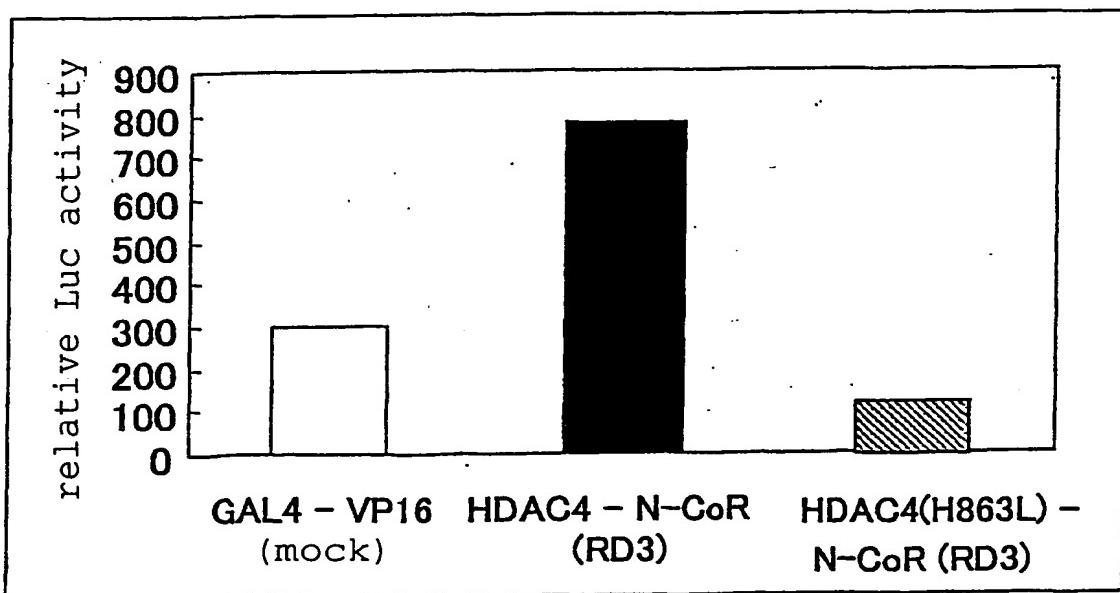


FIG. 15



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FIG. 16

